

Datasheet for ABIN2776298
anti-CATSPER2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	CATSPER2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Cow, Rabbit, Horse, Dog, Rat, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CATSPER2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CATSPER2
Sequence:	LMEMDQDDR V WPRDSLFR YF ELLEKLQYNL EERKKLQEFA VQALMNLEDK
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 86%, Yeast: 79%
Characteristics:	This is a rabbit polyclonal antibody against CATSPER2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	CATSPER2
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Target Details

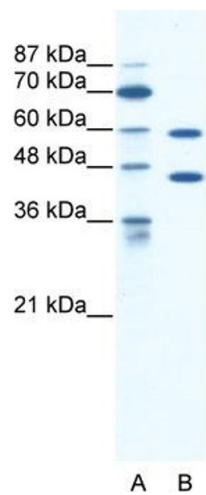
Alternative Name:	CATSPER2 (CATSPER2 Products)
Background:	Calcium ions play a primary role in the regulation of sperm motility. This gene belongs to a family of putative cation channels that are specific to spermatozoa and localize to the flagellum. The protein family features a single repeat with six membrane-spanning segments and a predicted calcium-selective pore region. This gene is part of a tandem repeat on chromosome 15q14, the second copy of this gene is thought to be a pseudogene. Additional splice variants have been described but their full-length nature has not been determined. Protein Size: 528
Molecular Weight:	58 kDa
Gene ID:	117155
NCBI Accession:	NM_054020 , NP_473361
UniProt:	Q96P56

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 528 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-CATSPER2 Antibody Titration:
1.25ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate